

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 3448*16

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR MEASURING AND
IMPROVING MANUFACTURING PROCESSES AND MAXIMIZING PRODUCT
RESEARCH AND DEVELOPMENT SPEED AND EFFICIENCY**

the specification of which

(check one) [] is attached hereto.

[x] was filed on July 14, 2004 as

Application Serial No. _____ and

was amended on _____
(if applicable)

was amended through _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's or plant breeder's rights certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | | | <u>Priority Claimed</u> | |
|------------------------------|-----------|------------------------|-------------------------|-----|
| (Number) | (Country) | (Day/Month/Year Filed) | [] | [] |
| _____ | _____ | _____ | Yes | No |
| _____ | _____ | _____ | Yes | No |
| _____ | _____ | _____ | Yes | No |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

PCT/US03/01272 January 15, 2003 Pending
(Application Serial No.) (Filing Date) (Status)

(Application Serial No.)

(Filing Date)

(Status)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/348,871
(Application No.)

January 15, 2002
(Filing Date)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with **CUSTOMER NUMBER 23416**; all of CONNOLLY BOVE LODGE & HUTZ LLP, as attorneys with full power of substitution to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith.

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------|
| Send Correspondence To: Connolly Bove Lodge & Hutz LLP The Nemours Building 1007 North Orange Street P.O. Box 2207 Wilmington, Delaware 19899-2207 | | Direct Telephone Calls To: (302) 658-9141 |
| FULL NAME OF SOLE OR FIRST INVENTOR Suvajit DAS | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Atlanta, Georgia | | CITIZENSHIP India |
| POST OFFICE ADDRESS 1033-F Brentwood Way, Atlanta, Georgia 30350 | | |
| FULL NAME OF SECOND JOINT INVENTOR IF ANY Thierry CRESSON | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Roswell, Georgia | | CITIZENSHIP France |
| POST OFFICE ADDRESS 245 Quiet Stream Court, Roswell, Georgia 30075 | | |
| FULL NAME OF THIRD JOINT INVENTOR IF ANY Jerzy W. SKOWRONSKI | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Florence, South Carolina | | CITIZENSHIP United States of America |
| POST OFFICE ADDRESS 3322 Tennyson Drive, Florence, South Carolina | | |
| FULL NAME OF FOURTH JOINT INVENTOR IF ANY Randy A. HEMPEL | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Ellicott City, Maryland | | CITIZENSHIP United States of America |

| | | |
|-------------------------------------------------------------------------------------|------------------------------------------------|------|
| POST OFFICE ADDRESS 2663 Golf Island Road, Ellicott City, Maryland 21042 | | |
| FULL NAME OF FIFTH JOINT INVENTOR IF ANY Steve YANG | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Reisterstown, Maryland | CITIZENSHIP Canada | |
| POST OFFICE ADDRESS 12332 High Stakes Drive, Reisterstown, Maryland 21136 | | |
| FULL NAME OF SIXTH JOINT INVENTOR IF ANY Brian H. RUTLEDGE | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Eldersburg, Maryland | CITIZENSHIP United States of America | |
| POST OFFICE ADDRESS 6705 Autumn View Court, Eldersburg, Maryland 21784 | | |
| FULL NAME OF SEVENTH JOINT INVENTOR IF ANY Ebi ELAAHI | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE New City, New York | CITIZENSHIP United States of America | |
| POST OFFICE ADDRESS 26 South Lane, New City, New York 10956 | | |
| FULL NAME OF EIGHTH JOINT INVENTOR IF ANY Bryan MILLER | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE Ashburn, Virginia | CITIZENSHIP United States of America | |
| POST OFFICE ADDRESS 43545 Coal Bed Court, Ashburn, Virginia 20147 | | |

10/501561

PCT/US03/01272

Rec'd PCT/PTO 14 JUL 2004

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
 The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
 for the purposes of the designation of the United States of America:**

I hereby declare that I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: U.S. Provisional Patent Application Serial No. 60/348,871, filed January 15, 2002.

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00
Name: Suvajit Das

Residence: Atlanta, Georgia **G A**
 (city and either US state, if applicable, or country)

Mailing Address: 1033-F Brentwood Way
 Atlanta, Georgia 30350

Citizenship: IN

Inventor's Signature: *Smith Das*
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: APRIL 02, 2003
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

JDN
Name: Thierry Cresson

Residence: Roswell, Georgia **G A**
 (city and either US state, if applicable, or country)

Mailing Address: 245 Quiet Stream Court
 Roswell, Georgia 30075

Citizenship: FR

Inventor's Signature: *Thierry Cresson*
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: April 2, 2003
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Form PCT/RO/101 (declaration sheet (iv)) (March 2001; reprint January 2003)

See Notes to the request form

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Continuation of Box No. VIII (i) to (v) DECLARATION

If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII ..." (Indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

3-0

Name: Jerzy W. Skowronski
 Residence: Florence, South Carolina SC
 Mailing Address: 3322 Tennyson Drive, Florence, South Carolina 29501
 Citizenship: US

Inventor's Signature: J. Skowronski Date: 4/31/03

4-0

Name: Randy A. Hempel
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 Mailing Address: 2663 Golf Island Road, Ellicott City, Maryland 21042
 Citizenship: US

Inventor's Signature: Randy A. Hempel Date: 3/31/03

5-0

Name: Steve Yang
 Residence: Reisterstown, Maryland MD
 Mailing Address: 12332 High Stakes Road, Reisterstown, Maryland 21136
 Citizenship: CN

Inventor's Signature: Steve Yang Date: 3/31/2003

6-0

Name: Brian H. Rutledge
 Residence: Eldersburg, Maryland MD
 Mailing Address: 6705 Autumn View Court, Eldersburg, Maryland 21784
 Citizenship: US

Inventor's Signature: Brian H. Rutledge Date: 3/31/03

7-0

Name: Ebi Elaahi
 Residence: New City, New York NY
 Mailing Address: 26 South Lane, New City, New York 10956
 Citizenship: US

Inventor's Signature: Ebi Elaahi Date: 4/4/03

8-0

Name: Bryan Miller
 Residence: Ashburn, Virginia VA
 Mailing Address: 43545 Coal Bed Court, Ashburn, Virginia 20147
 Citizenship: US

Inventor's Signature: Bryan Miller Date: 4/1/03